

TPFREE(3)

| REVISION HISTORY | | | |
|------------------|------|-------------|------|
| NUMBER | DATE | DESCRIPTION | NAME |
| | | | |

Contents

| | | |
|----------|---------------------|----------|
| 1 | SYNOPSIS | 1 |
| 2 | DESCRIPTION | 2 |
| 3 | RETURN VALUE | 3 |
| 4 | ERRORS | 4 |
| 5 | EXAMPLE | 5 |
| 6 | BUGS | 6 |
| 7 | SEE ALSO | 7 |
| 8 | COPYING | 8 |

Chapter 1

SYNOPSIS

```
#include <atmi.h>
```

```
void tpfree(char *ptr);
```

For XATMI client link with *-latmiclt -latmi -lubf -lnstd -lpthread -lrt -lm*

For XATMI server link with *-latmisrvl -latmisrvnomainl -latmisrvinteg -latmi -lubf -lnstd -lpthread -lrt -lm*

Chapter 2

DESCRIPTION

Free up the XATMI buffer allocated by **tpalloc()** or **tprealloc()**. The pointer shall not be used to any other calls afterwards, as it points to invalid memory after call. **tpfree()** must not be used for auto-allocated buffers, i.e. ones received into to service routine, as auto buffers will be cleaned up in following **tpreturn()** or **tpforward()** calls.

Function will not free any other resources e.g. allocated by **malloc()** or **calloc()**.

tpfree() is not needed to be called on buffers which are automatically allocated by incoming service call. Also **tpfree()** is not needed to called on buffers which are returned to **tpreturn(3)** or **tpforward(3)**. At service ending, **tpreturn** or **tpforward** makes free auto-allocated buffer and return buffer (if it is different than auto-alloc buffer).

Chapter 3

RETURN VALUE

Function is void and no error is returned.

Chapter 4

ERRORS

Function is void and no error is returned.

Chapter 5

EXAMPLE

See `atmitest/test026_typedjson/atmict26.c` for sample code.

Chapter 6

BUGS

Report bugs to madars.vitolins@gmail.com

Chapter 7

SEE ALSO

tpacall(3) tpgetrply(3)

Chapter 8

COPYING

© Mavimax, Ltd